

The Nature of the Connection Between the Rate of Heat Removal and Moisture Migration in the Quick-Freezing of Food-stuffs, by G. B. Chizhov, 2 pp.

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SLA 59-19.03

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OTS, Vol III, No 6

Sep 60

Mazyukevich, F. V.

THE CONDENSATION OF VAPORS IN THE PRESENCE OF NON-CONDENSABLE GASES (Kondensatsiya Parov v Prisutstvi Nekondensiruyushchikh Gash) tr. by G. Fulford. Aug 60, 6p. 6 refs. [DSIR NLL] M 4294.

Order from OTS or SLA \$1.10 62-13141

Unedited trans. of Tekhnologicheskii Institut Kholodil'noi Promyshlennosti, Tsvy (USSR) 1956, v. 11, p. 109-114.

DESCRIPTORS: \*Vapors, \*Condensation, \*Gases, Mixtures, Physical properties, Impurities, Boundary layer, Heat transfer, Ammonia, Molecular weight, Reynolds number.

The process of condensing a vapor from a vapor/gas mixture depends on the physical properties of the gaseous impurity. The process of mass transfer at (Mechanics--Aerodynamics, TT, v. 7, no. 11) (over)

62-13141

I. Mazyukevich, F.V.  
II. DSIR NLL M 4294

Office of Technical Services

Mazyukevich, F. V.  
ON THE (GAS-) EJECTING PROPERTIES OF THE  
SURFACES OF FLOWING LIQUID FILMS (Ob  
Ezhektiruyushchikh Svoistvakh Poverkhnosti  
Stekayushchei Zhidkostnoi Plenki) tr. by G. Fulford.  
Aug 60, 10p. 4 refs. [DSIR NLL] M 4292.  
Order from OTS or SLA \$1.10 62-13139

Unedited Trans. of Tekhnologicheskii Institut  
Kholodil'noi Promyslennosti. Trudy (USSR) 1956,  
(v. 11, p. 115-124.)

DESCRIPTORS: \*Gases, Ejection, Surfaces, \*Liquids,  
Fluid flow, Velocity, Heat transfer, \*Films.

The quantity of air ejected by the surface of a moving  
liquid is directly proportional to the surface of contact,  
and is determined by the velocity of the liquid at the  
outer surface, and also depends on heat transfer be-  
tween the surface and the neighboring gas. The lifting  
forces caused during heat transfer have a considerable  
(Chemistry--Physical, TT, v. 7, no. 11) (over)

62-13139

I. Mazyukevich, F. V.  
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A New Empirical Relationship for Determination of  
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ATS-98R78R

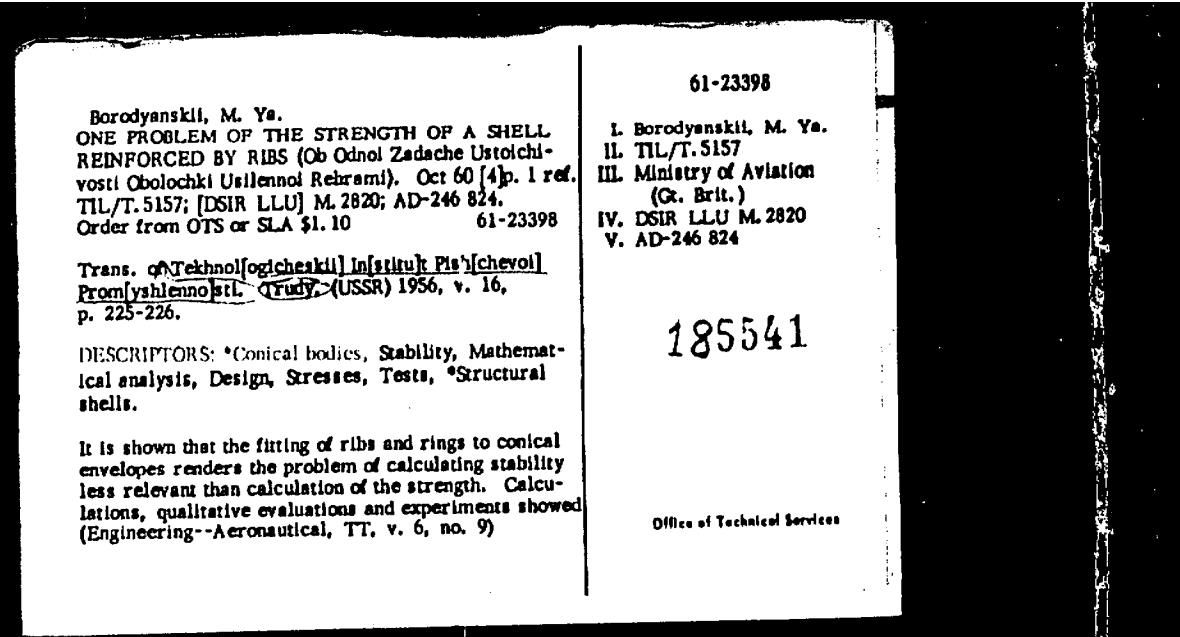
Physics  
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Fuel From the Products of Catalytic Cracking and  
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9 pp.

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Gaza, Groznenskiy Neftyanoy Nauchno-Issled Inst,  
No 12, 1963, pp 61-68. 9695892  
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<p>Fedyakin, N. N. SURFACE TENSION OF LIQUIDS IN MICRO-CAPILARIES (Poverkhnostnoe Natyazhenie Zhidkosti v Mikro-Kapillyarakh) tr. by V. Topchy. 1961, 9p. IS ref. NRCC Technical Trans. 998. Order from NRCC \$0.50 NRCC C-3882</p> <p>Trans. of Tekhnologicheskii Institut Pishchevoi Promyschlennosti. Trudy (USSR) 1957, no. 8, p. 37-41.</p> <p>DESCRIPTORS: *Capillary tubes, liquids, *Surface tension, Water, Partial differential equations.</p> <p>(Chemistry--Physical, TT, v. 8, no. 1)</p>	<p>62-12853</p> <p>I. Fedyakin, N. N. II. NRCC TT-998 III. NRCC C-3882 IV. National Research Council of Canada</p> <p>Office of Technical Services</p>
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New Data on the Feeding of some Cyclopidae,  
by N. A. Dzyuban, 8 pp.  
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1939, pp 163-172.  
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Sostoyavshegosya v Kiyeve, 29 May-1 Jun 1962,  
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9 pp.

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Salmon Spawning in the Basin, by  
Ye. M. Krokhin, F. V. Krogius.  
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Ak Nauk SSSR, Vol 4, 1937, 165 pp.  
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in Western Siberia, by V. M. Popov.

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Sci - Medicine  
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Chipmunk as a Host of the Forest Tick and a Carrier  
of the Virus of Tick-Borne Encephalitis in the  
Tomsk Infection Focus, by V. M. Popov, Yu. V.  
Fedorov.

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Role of Ornithofauna in Natural Foci of  
Tick Encephalitis, by Yu. V. Fedorov.

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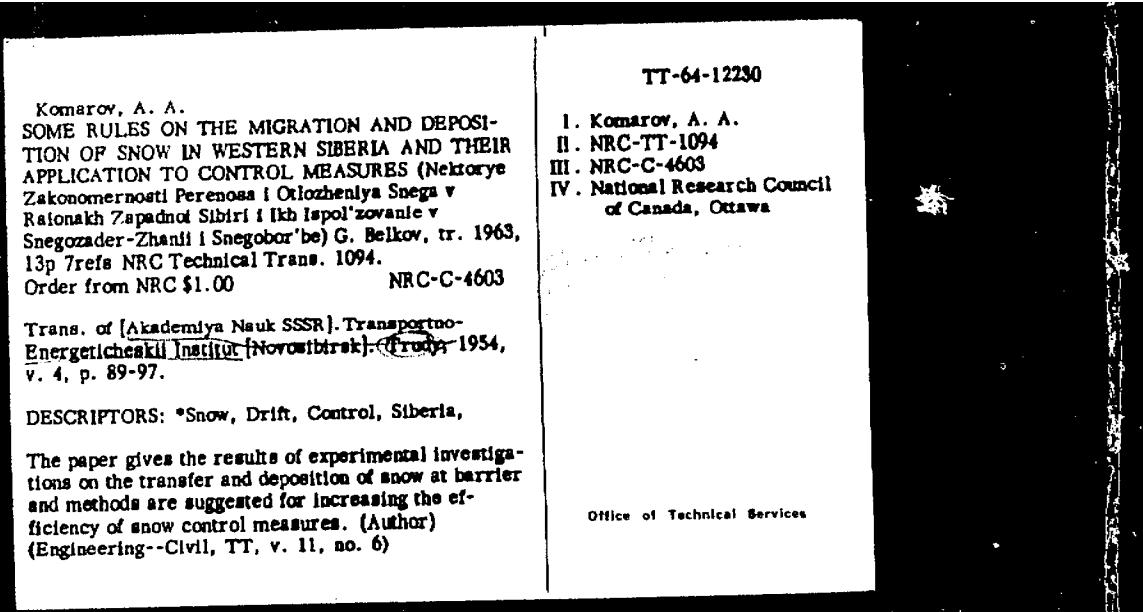
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<p>Dyunin, A. K. SOLID FLUX OF SNOW-BEARING AIR FLOW (Tverdyi Raskhod Snegovetrovogo Potoka) G. Belkov, tr. 1963, 25p 14refs NRC Technical trans. 1102. Order from NRC \$1.50 NRC-C-4675  Trans. of [Akademiya Nauk SSSR]. Transportno-Energeticheskii Institut [Novosibirsk]. Trudy, 1954, v. 4, p. 71-88. <i>ALL 8732 190-1 (1102) or 100</i> DESCRIPTORS: *Snow, *Wind, Velocity, Mathematical analysis.  A general formula was derived, using dimensional analysis, for the solid flux of a "fluid + granular material" mixture and is applied to the particular case of snow-bearing air flow. (Author) (Earth Sciences--Frost, TT, v. 11, no. 7)</p>	<p>TT-64-12578  I. Dyunin, A. K. II. NRC-TT-1102 III. NRC-C-4675 IV. National Research Council of Canada, Ottawa</p>	Office of Technical Services
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<p>Komarov, A. A. WAYS OF INCREASING THE EFFICIENCY OF SNOW FENCES (Puti Povysheniya Efektivnosti Raboty Snegozashchitynykh Zaborov i Shchitov) G. Belkov, tr. 1963, 11p 3refs NRC Technical Trans. 1095. Order from NRC \$1.00 NRC-C-4604</p> <p>Trans. of [Akademiya Nauk SSSR]. Transportno- Energeticheskii Institut [Novosibirsk]. (Trudy), 1954, v. 4, p. 119-126. (Abstract available) <i>NLL 873.2 R67 (1095) or later</i></p> <p>DESCRIPTORS: *Snow, Drift, Control, *Structures, Design, Effectiveness.</p> <p>The paper notes the defects in the operation of existing snow fences and suggests ways of improving their con- struction and methods of arranging them on portions of roads that are subject to extensive snowdrifting. (Author) (Engineering--Civil, TT, v. II, no. 6)</p>	<p>TT-64-12229</p> <p>I. Title: Snow fences I. Komarov, A. A. II. NRC-<sup>TT</sup>-1095 III. NRC-C-4604 IV. National Research Council of Canada, Ottawa</p> <p>Office of Technical Services</p>
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Structure of Resins Filled With Carbon Black and  
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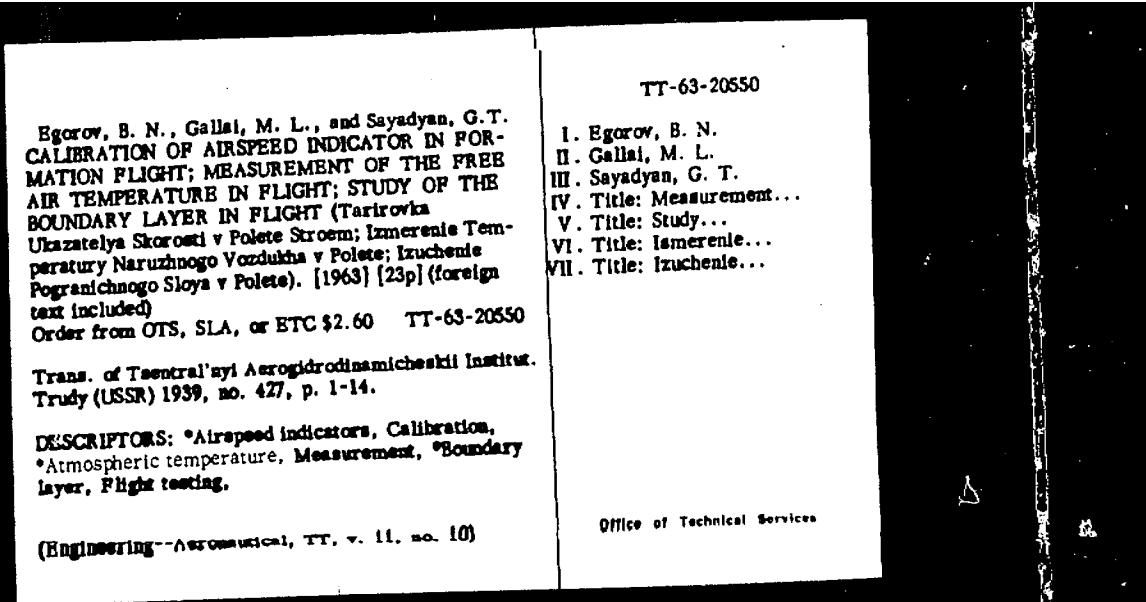
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